



UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549-3561

November 22, 2010

Timothy E. Conver  
Chief Executive Officer and President  
AeroVironment, Inc.  
181 W. Huntington Drive, Suite 202  
Monrovia, CA 91016

**Re: AeroVironment, Inc.  
Form 10-K  
Filed June 25, 2010  
File No. 001-33261**

Dear Mr. Conver:

We have completed our review of your filings and do not have any further comments at this time.

Sincerely,

Max A. Webb  
Assistant Director